Thermochimica Acta, 210 (1992) 331
Elsevier Science Publishers B.V., Amsterdam

AUTHOR INDEX

Amorin, A.K.C. 311
Araujo Melo, D.M. 311

Babich, M.W. 77, 83
Bastide, J.P. 307
Bateman, F.G. 243
Beg, M.A.A. 123
Blase, W. 163
Bouamrane, A. 307
Bruni, M.R. 49

Cao, Z. 205
Carré, J. 307
Chauvet, A. 133
Chundak, S.Yu. 193
Claudy, P. 27, 307

Edwards, J.G. 273
Elegant, L. 223
El Moussaoui, A. 133
Espina, A. 263

Fahim, R.B. 103
Fujieda, S. 1

García, J.R. 263
Germanaud, L. 27
Giera, E. 41
Gigli, R. 325
Giroult, Y. 223
Gjurova, K.M. 321
Gospodinov, G.G. 315, 321

Hwang, S.W. 77, 83

Igimi, H. 233
Iyer, P.N. 185

Jaimez, E. 263

Kąkołowicz, W. 41
Kappenstein, C. 103
Kawahito, J. 1
Kniep, R. 163
Kožíšek, J. 163

Lamparczyk, H. 151
Langfelderová, H. 163
Lapiccirella, A. 49
Leovac, V.M. 193
Létoffé, J.M. 27, 307
Liao, J. 89
Lu, J. 15
Lu, Y. 15
Lu, Z. 205

Mansour, S.A.A. 103
Manzano, J.L. 215
Marquez, P. 215
Masse, J. 133
Masson, J.A. 243
Meyer, G. 147
Miyamoto, K. 293
Möller, A. 147
Mounts, R.D. 77, 83

Nagata, I. 281, 293
Natarajan, P.R. 185
Nohman, A.K.H. 103

Obadović, D.Ž. 193
Ochocka, R.J. 151
Oliveira, O.A. 311

Papánková, B. 163
Piacente, V. 325
Planche, J.P. 27
Popescu, C. 329

Qaiser, M.A. 123

Raper, E.S. 243
Rensch, H.P. 171
Riedl, B. 171
Rodriguez, E. 215
Rodríguez, J. 263
Rożniatowska, J. 41

Sanchez, D. 215
Sanchez–Camazano, M. 255
Sanchez-Martin, M.J. 255
Santos-Buelga, M.D. 255
Sbirrazzuoli, N. 223
Scavia, G. 49
Segal, E. 329
Senna, M. 89
Simeone, M.G. 49
Skuban, F. 193
Suárez, M. 263

Tanaka, S. 67
Tomassini, N. 49

Uchida, K. 233

Vicentini, G. 311
Viticoli, S. 49

Wada, Y. 233
Wang, H. 205
Wesołowski, M. 151

Yang, L. 205

Zaki, M.I. 103
Zhen, S. 15
Zinner, L.B. 311

Thermochimica Acta, 210 (1992) 333–340
Elsevier Science Publishers B.V., Amsterdam

SUBJECT INDEX

Activation energy
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223
Aggregate
Caractérisation de l'interaction bitume–agrégat par microcalorimétrie isotherme 27
Alcohol
The temperature dependence of the mutual solubility of alcohol–hydrocarbon mixtures 293
Alkane
The temperature dependence of the mutual solubility of alcohol–hydrocarbon mixtures 293
Alkylamine
Thermal behaviour of α-titanium phosphate/*n*-alkylamine intercalation compounds 263
Alloy
Thermodynamic study of molecular beam epitaxial growth of InGaAs/GaAs strained layer superlattices 49
Ammine
The ammonium ion and the ammine ligand as internal reducing agents for platinum-group-metal complexes. A comment 147
Atmosphere
Intermediate phases and products of thermal decomposition of the compound $Tl_2Pb[Cu(NO_2)_6]$ 163
Azodicarbonamide
Identification of blowing agents in cellular PVC compounds by DSC. Part 2. The detection and identification of azodicarbonamide 243

Barium compound
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215
Belousov–Zhabotinskii
Caloric behaviour in the induction period of Belousov–Zhabotinskii reactions monitored by heat exchange calorimetry of batch type and the simultaneous estimation of the potentiometric aspect 1
Bitumen
Caractérisation de l'interaction bitume–agrégat par microcalorimétrie isotherme 27
Blowing agent
Identification of blowing agents in cellular PVC compounds by DSC. Part 2. The detection and identification of azodicarbonamide 243

Calcium compound
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215
Calorimeter
Caloric behaviour in the induction period of Belousov–Zhabotinskii reactions monitored by heat exchange calorimetry of batch type and the simultaneous estimation of the potentiometric aspect 1
Caprolactam
Preparation, structure and thermal behaviour of uranyl nitrate complexes with *N*-alkylcaprolactams 205
Cellulose
Characterization of chemically modified chemithermomechanical pulp by thermal analysis. Part 2. Treatment with isocyanates 171
Cholesterol monohydrate
Another crystalline form of cholesterol monohydrate and its connection with gallstones 233
Chromium compound
Thermal and structural study of the phase transformations of the tellurites of trivalent iron and chromium 321
Complex
Intermediate phases and products of thermal decomposition of the compound $Tl_2Pb[Cu(NO_2)_6]$ 163
Co-ordination
Transition metal complexes with hydrazides and hydrazones. Part 5. Thermal decomposition of some copper(II) complexes with acetone 1-naphthoylhydrazone 193

Copper compound
Transition metal complexes with hydrazides and hydrazones. Part 5. Thermal decomposition of some copper(II) complexes with acetone 1-naphthoylhydrazone 193
Crystal
Intermediate phases and products of thermal decomposition of the compound $Tl_2Pb[Cu(NO_2)_6]$ 163
Crystal water
Another crystalline form of cholesterol monohydrate and its connection with gallstones 233

DCXRD
Thermodynamic study of molecular beam epitaxial growth of InGaAs/GaAs strained layer superlattices 49
Decomposition
Intermediate phases and products of thermal decomposition of the compound $Tl_2Pb[Cu(NO_2)_6]$ 163
Dimethylacetamide
Thermochemical study of the reaction between some lanthanoid trifluoromethanesulfonates and dimethylacetamide (DMA) in ethanolic solution 311
DMA
Thermochemical study of the reaction between some lanthanoid trifluoromethanesulfonates and dimethylacetamide (DMA) in ethanolic solution 311
DMF
Thermochemical study of the reaction between some lanthanoid trifluoromethanesulfonates and dimethylacetamide (DMA) in ethanolic solution 311
Double salt
Preparation and characterisation of ammonium lanthanide double sulphate monohydrates 185
DSC
Caractérisation de l'interaction bitume–agrégat par microcalorimétrie isotherme 27
Theory of power-compensated DSC 67
The thermal analysis of energy storage materials by differential scanning calorimetry 77
The search for novel energy storage materials using differential scanning calorimetry 83
Etude thermoanalytique et spectrale de benzodiazépines. Partie 2. Nordazepam 133
Characterization of chemically modified chemithermomechanical pulp by thermal analysis. Part 2. Treatment with isocyanates 171
Preparation, structure and thermal behaviour of uranyl nitrate complexes with *N*-alkylcaprolactams 205
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223
Identification of blowing agents in cellular PVC compounds by DSC. Part 2. The detection and identification of azodicarbonamide 243
The thermoanalytical study of formulated terfenadine 255
Thermal behaviour of α-titanium phosphate/*n*-alkylamine intercalation compounds 263
DTA
Caractérisation de l'interaction bitume–agrégat par microcalorimétrie isotherme 27
Enhanced dehydration and amorphization of $Mg(OH)_2$ in the presence of ultrafine SiO_2 under mechanochemical conditions 89
Characterization of the thermal genesis course of manganese oxides from inorganic precursors 103
Thermal behaviour of bis(diphenyltrifluoromethylphosphine)dichloroplatinum(II) 123
Thermoanalysis supported by principal component analysis (PCA) in quality assessment of essential oil samples 151
Intermediate phases and products of thermal decomposition of the compound $Tl_2Pb[Cu(NO_2)_6]$ 163
Preparation and characterisation of ammonium lanthanide double sulphate monohydrates 185
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215
Another crystalline form of cholesterol monohydrate and its connection with gallstones 233
DTG
Thermal behaviour of bis(diphenyltrifluoromethylphosphine)dichloroplatinum(II) 123
Etude thermoanalytique et spectrale de benzodiazépines. Partie 2. Nordazepam 133
Thermoanalysis supported by principal component analysis (PCA) in quality assessment of essential oil samples 151
Thermal behaviour of α-titanium phosphate/*n*-alkylamine intercalation compounds 263

Energy storage
The thermal analysis of energy storage materials by differential scanning calorimetry 77
The search for novel energy storage materials using differential scanning calorimetry 83
Enthalpy
Theory of power-compensated DSC 67
Equilibrium
Ternary and quaternary liquid–liquid equilibria for mixtures including methanol and hydrocarbons at 25°C 281
Physico-chemical study of the equilibrium phases in the system $Pb(CH_3COO)_2$–$K_2H_4TeO_6$–H_2O at 100°C 315
Essential oil
Thermoanalysis supported by principal component analysis (PCA) in quality assessment of essential oil samples 151

Film
Thermal behaviour of α-titanium phosphate/n-alkylamine intercalation compounds 263
FTIR
Enhanced dehydration and amorphization of $Mg(OH)_2$ in the presence of ultrafine SiO_2 under mechanochemical conditions 89
Characterization of chemically modified chemithermomechanical pulp by thermal analysis. Part 2. Treatment with isocyanates 171

Gallium arsenide
Thermodynamic study of molecular beam epitaxial growth of InGaAs/GaAs strained layer superlattices 49
Gallstone
Another crystalline form of cholesterol monohydrate and its connection with gallstones 233

Halide
The enthalpic interaction parameters of NaCl, KCl and KI with acetone in water at 298.15 K 15
Heat exchange
Caloric behaviour in the induction period of Belousov–Zhabotinskii reactions monitored by heat exchange calorimetry of batch type and the simultaneous estimation of the potentiometric aspect 1
Heat flux
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223
Heat of decomposition
Identification of blowing agents in cellular PVC compounds by DSC. Part 2. The detection and identification of azodicarbonamide 243
Heat of formation
Thermochemistry of dioxouranium(VI) β-diketonates. Pentane-2,4-dionate and 1-phenylbutane-1,3-dionate 41
Détermination de l'enthalpie standard de formation de l'hydrurofluorure de potassium magnesium $KMgH_2F$ 307
Heat of fusion
Etude thermoanalytique et spectrale de benzodiazépines. Partie 2. Nordazepam 133
Heat of solution
The enthalpic interaction parameters of NaCl, KCl and KI with acetone in water at 298.15 K 15
Thermochemical study of the reaction between some lanthanoid trifluoromethanesulfonates and dimethylacetamide (DMA) in ethanolic solution 311
Heat of transfer
The enthalpic interaction parameters of NaCl, KCl and KI with acetone in water at 298.15 K 15
Hydrocarbon
Ternary and quaternary liquid–liquid equilibria for mixtures including methanol and hydrocarbons at 25°C 281

Indium arsenide
Thermodynamic study of molecular beam epitaxial growth of InGaAs/GaAs strained layer superlattices 49
Intercalation
Thermal behaviour of α-titanium phosphate/n-alkylamine intercalation compounds 263
IR
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215
Iron compound
Thermal and structural study of the phase transformations of the tellurites of trivalent iron and chromium 321
IRS
Characterization of the thermal genesis course of manganese oxides from inorganic precursors 103
Isocyanate
Characterization of chemically modified

chemithermomechanical pulp by thermal analysis. Part 2. Treatment with isocyanates 171
Isothermal
Caractérisation de l'interaction bitume–agrégat par microcalorimétrie isotherme 27

Kinetics
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223
More on the correct rate expression in non-isothermal kinetics. Reply to K.O. Strøme 329

Lanthanon compound
Preparation and characterisation of ammonium lanthanide double sulphate monohydrates 185
Thermochemical study of the reaction between some lanthanoid trifluoromethanesulfonates and dimethylacetamide (DMA) in ethanolic solution 311
Ligand
Thermal behaviour of bis(diphenyltrifluoromethylphosphine)dichloroplatinum(II) 123
The ammonium ion and the ammine ligand as internal reducing agents for platinum-group-metal complexes. A comment 147
Preparation, structure and thermal behaviour of uranyl nitrate complexes with *N*-alkylcaprolactams 205
LLE
Ternary and quaternary liquid–liquid equilibria for mixtures including methanol and hydrocarbons at 25°C 281

Magnesium hydroxide
Enhanced dehydration and amorphization of $Mg(OH)_2$ in the presence of ultrafine SiO_2 under mechanochemical conditions 89
Magnesium compound
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215
Détermination de l'enthalpie standard de formation de l'hydrurofluorure de potassium magnesium $KMgH_2F$ 307
Manganese oxide
Characterization of the thermal genesis course of manganese oxides from inorganic precursors 103
Mechanochemical
Enhanced dehydration and amorphization of $Mg(OH)_2$ in the presence of ultrafine SiO_2 under mechanochemical conditions 89
Methanol
Ternary and quaternary liquid–liquid equilibria for mixtures including methanol and hydrocarbons at 25°C 281
Microcalorimetry
Caractérisation de l'interaction bitume–agrégat par microcalorimétrie isotherme 27
Mixed solvent
The temperature dependence of the mutual solubility of alcohol–hydrocarbon mixtures 293
Model
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223
Ternary and quaternary liquid–liquid equilibria for mixtures including methanol and hydrocarbons at 25°C 281
MS
The ammonium ion and the ammine ligand as internal reducing agents for platinum-group-metal complexes. A comment 147
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215

NMR
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215
Non-isothermal
More on the correct rate expression in non-isothermal kinetics. Reply to K.O. Strøme 329
Nordazepam
Etude thermoanalytique et spectrale de benzodiazépines. Partie 2. Nordazepam 133

Oil
Thermoanalysis supported by principal component analysis (PCA) in quality assessment of essential oil samples 151

Palladium compound
The ammonium ion and the ammine ligand as internal reducing agents for platinum-group-metal complexes. A comment 147
Pentaerythritol
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223

Pernt
Triple points as pernts 273
Phase
Triple points as pernts 273
Physico-chemical study of the equilibrium phases in the system $Pb(CH_3COO)_2$–$K_2H_4TeO_6$–H_2O at 100°C 315
Thermal and structural study of the phase transformations of the tellurites of trivalent iron and chromium 321
Plastic
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223
Platinum compound
Thermal behaviour of bis(diphenyltrifluoromethylphosphine)dichloroplatinum(II) 123
The ammonium ion and the ammine ligand as internal reducing agents for platinum-group-metal complexes. A comment 147
Polymer
Identification of blowing agents in cellular PVC compounds by DSC. Part 2. The detection and identification of azodicarbonamide 243
Polymorphism
Etude thermoanalytique et spectrale de benzodiazépines. Partie 2. Nordazepam 133
Another crystalline form of cholesterol monohydrate and its connection with gallstones 233
Potassium compound
Détermination de l'enthalpie standard de formation de l'hydrurofluorure de potassium magnesium $KMgH_2F$ 307
Potentiometry
Caloric behaviour in the induction period of Belousov–Zhabotinskii reactions monitored by heat exchange calorimetry of batch type and the simultaneous estimation of the potentiometric aspect 1
Power-compensated DSC
Theory of power-compensated DSC 67
PVC
Identification of blowing agents in cellular PVC compounds by DSC. Part 2. The detection and identification of azodicarbonamide 243

Quality
Thermoanalysis supported by principal component analysis (PCA) in quality assessment of essential oil samples 151

RHEED
Thermodynamic study of molecular beam epitaxial growth of InGaAs/GaAs strained layer superlattices 49
Rhodium compound
The ammonium ion and the ammine ligand as internal reducing agents for platinum-group-metal complexes. A comment 147

Selenourea
An investigation into the sublimation of selenourea 325
Silica
Enhanced dehydration and amorphization of $Mg(OH)_2$ in the presence of ultrafine SiO_2 under mechanochemical conditions 89
Solid
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223
Solubility
The temperature dependence of the mutual solubility of alcohol–hydrocarbon mixtures 293
Physico-chemical study of the equilibrium phases in the system $Pb(CH_3COO)_2$–$K_2H_4TeO_6$–H_2O at 100°C 315
Solvent
The temperature dependence of the mutual solubility of alcohol–hydrocarbon mixtures 293
Sublimation
An investigation into the sublimation of selenourea 325
Superlattice
Thermodynamic study of molecular beam epitaxial growth of InGaAs/GaAs strained layer superlattices 49

TA
The ammonium ion and the ammine ligand as internal reducing agents for platinum-group-metal complexes. A comment 147
Tellurite
Physico-chemical study of the equilibrium phases in the system $Pb(CH_3COO)_2$–$K_2H_4TeO_6$–H_2O at 100°C 315
Thermal and structural study of the phase transformations of the tellurites of trivalent iron and chromium 321
Terfenadine
The thermoanalytical study of formulated terfenadine 255
TG
Enhanced dehydration and amorphization of $Mg(OH)_2$ in the presence of ultrafine SiO_2 under mechanochemical conditions 89

Characterization of the thermal genesis course of manganese oxides from inorganic precursors 103
Thermal behaviour of bis(diphenyltrifluoromethylphosphine)dichloroplatinum(II) 123
Thermoanalysis supported by principal component analysis (PCA) in quality assessment of essential oil samples 151
Intermediate phases and products of thermal decomposition of the compound $Tl_2Pb[Cu(NO_2)_6]$ 163
Characterization of chemically modified chemithermomechanical pulp by thermal analysis. Part 2. Treatment with isocyanates 171
Preparation and characterisation of ammonium lanthanide double sulphate monohydrates 185
Preparation, structure and thermal behaviour of uranyl nitrate complexes with *N*-alkylcaprolactams 205
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215
The thermoanalytical study of formulated terfenadine 255
Thermal behaviour of α-titanium phosphate/*n*-alkylamine intercalation compounds 263

TGA
The thermoanalytical study of formulated terfenadine 255

Thermodynamics
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223

Titanium compound
Thermal behaviour of α-titanium phosphate/*n*-alkylamine intercalation compounds 263

Transformation
Thermal and structural study of the phase transformations of the tellurites of trivalent iron and chromium 321

Transition
Etude thermoanalytique et spectrale de benzodiazépines. Partie 2. Nordazepam 133
Kinetic study of solid–plastic transitions. Part 2. Influence of experimental conditions 223
Another crystalline form of cholesterol monohydrate and its connection with gallstones 233
Triple points as pernts 273

Triple point
Triple points as pernts 273

UNIQUAC
Ternary and quaternary liquid–liquid equilibria for mixtures including methanol and hydrocarbons at 25°C 281
The temperature dependence of the mutual solubility of alcohol–hydrocarbon mixtures 293

Uranium compound
Thermochemistry of dioxouranium(VI) β-diketonates. Pentane-2,4-dionate and 1-phenylbutane-1,3-dionate 41

Uranyl
Thermochemistry of dioxouranium(VI) β-diketonates. Pentane-2,4-dionate and 1-phenylbutane-1,3-dionate 41

Uranyl compound
Preparation, structure and thermal behaviour of uranyl nitrate complexes with *N*-alkylcaprolactams 205

UV
Preparation and thermal study of the potassium, magnesium, calcium and barium compounds with an L-alanine derivative containing an ester function 215

Wilson
Ternary and quaternary liquid–liquid equilibria for mixtures including methanol and hydrocarbons at 25°C 281

Wood
Characterization of chemically modified chemithermomechanical pulp by thermal analysis. Part 2. Treatment with isocyanates 171

XRD
Characterization of the thermal genesis course of manganese oxides from inorganic precursors 103
Etude thermoanalytique et spectrale de benzodiazépines. Partie 2. Nordazepam 133
The ammonium ion and the ammine ligand as internal reducing agents for platinum-group-metal complexes. A comment 147
Intermediate phases and products of thermal decomposition of the compound $Tl_2Pb[Cu(NO_2)_6]$ 163
Another crystalline form of cholesterol monohydrate and its connection with gallstones 233